

Synthesis and Biological Activity of Natural Products and Derivatives.

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Natural products have been a treasure and a valuable source for the development of new drugs and to probe cell function. Synthesis has provided a solution to the scarcity of most of the natural products and stands as an unique tool for the preparation of derivatives and analogues in order to improve the pharmacological profile of the lead compounds.

In this talk, our recent results on the total synthesis of natural products and analogues and the exploration of their biological activity will be presented.